HistoricBridges.org - National Bridge Inventory Data Sheet

2016 Inventory

The National Bridge Inventory contains data submitted by state transportion departments to the Federal Highway Administration in coded format.
Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

New York [36]	Orleans County [073]	Albion [01033]	0.8MI E JCT BARGE C+RTE98	43-14-53.18 = 43.248106	078-10-42.67 = -78.178519

4445110	Highway agency district: 45	Owner: State Highway Agency [01]	Maintenance responsibility: State Highway Agency [01]		
Route: 0		BROWN STREET	Toll: On free road [3]	Features intersected: ERIE CANAL	

Design - main	Steel [3]	Design - approach	Concrete [1]	Kilometerpoint	8 km = 5.0 mi
1	Truss - Thru [10]	2	Slab [01]	Year built: 1912	Year reconstructed: N/A [0000]
				Skew angle: 6	Structure Flared: Yes, flared [1]
				Historical significance	Historical significance is not determinable at this time. [4]

Total length	57.6 m = 189.0 ft	Length of maximum span	45.7 m = 149.9 ft	Deck width, out-to-out	4.9 m = 16.1 ft	Bridge roadway width, curb-to-curb	4.4 m = 14.4 ft
Inventory Route, Total Horizontal Clearance	4.4 m = 14.4 ft	Curb or sidewalk width - left	1.5 m = 4.9 ft	Curb or sidewalk width - right	0 m = 0.0 ft		

Deck structure type	Not applicable [N]
Type of wearing surface	Integral Concrete (separate non-modified layer of concrete added to structural deck) [2]
Deck protection	Not applicable (applies only to structures with no deck) [N]
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	No rating analysis or evaluation perfor	Inventory rating	0 metric ton = 0.0 tons	
0.1 km = 0.1 mi	Method to determine operating rating	No rating analysis or evaluation perfor	Operating rating	0 metric ton = 0.0 tons	
	Bridge posting	30.0 - 39.9 % below [1]	Design Load		

Functional Details

Average Daily Traffic	1221	Average daily truck traffi	4 %	Year	2010	Future average daily traffic	1709	Year	2030

Road classification	Collector (Urban) [17]	Lanes on structure	1	Approach roadway width	6 m = 19.7 ft
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	Bridge median	
Parallel structure designation	No parallel structure exists. [N]				
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control	Navigation control on waterway (bridge permit required). [1]
Navigation vertical clearanc	5.1 m = 16.7 ft	Navigation horizontal clearance	22.8 m = 74.8 ft		
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	4.24 m = 13.9 ft		
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]				
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A		
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]		
Appraisal ratings - underclearances	N/A [N]				

Repair and Replacement Plans

Type of work to be performed

Replacement of bridge or other structure because of substandard load carrying capacity or substantial bridge roadway geometry. [31]

Work done by	Work to be done by contract [1]		
Bridge improvement cost	8121000	Roadway improvement cost	762000
Length of structure improvement	57.6 m = 189.0 ft	Total project cost	8883000
Year of improvement cost estimate	2014		
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Bridge closed to all traffic [K]	Appraisal ratings - structural	
Condition ratings - superstructure	Serious [3]	Appraisal ratings - roadway alignment	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - substructure	Satisfactory [6]	Appraisal ratings - deck geometry	
Condition ratings - deck	Poor [4]		
Scour	Bridge foundations determined to be stable for the assessed or calculated scour condition. [8]		
Channel and channel protection	Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift. [7]		
Appraisal ratings - water adequacy	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	Structurally deficient [1]
Pier or abutment protection	Navigation protection not required [1]	Sufficiency rating	0
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings	Inpected feature meets currently acceptable standards. [1]		
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends			
Inspection date	July 2015 [0715]	Designated inspection frequency	12 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every year [Y12]	Fracture critical inspection date	July 2015 [0715]
Other special inspection	Not needed [N]	Other special inspection date	